

ABSTRACT OF THE DISCLOSURE

An apparatus for easily removing portions of aircraft skin damaged by pressure cycles and corrosion includes a router and a guide for the router. The guide is precisely formed for a uniform height or thickness. Using this thickness, a router with a precise vertical adjustment rides on a platform above the aircraft, guided by the guide, and quickly and easily makes long horizontal cuts to remove layers of aircraft skin that contain cracks or corrosion. The apparatus may also be used for removing and replacing sheet metal used in other applications.